2/14/2006 3:21:05 PM
2/14/2006 4:20:58 PM

[File 2] INSPEC 1898-2006/Jan W2
[File 6] NTIS 1964-2006/Jan W4
[File 8] Ei Compendex(R) 1970-2006/Jan W4
[File 34] SciSearch(R) Cited Ref Sci 1990-2006/Jan W4
[File 434] SciSearch(R) Cited Ref Sci 1974-1989/Dec
[File 35] Dissertation Abs Online 1861-2006/Jan
[File 65] Inside Conferences 1993-2006/Jan W5
[File 94] JICST-EPlus 1985-2006/Nov W3
[File 144] Pascal 1973-2006/Jan W2
[File 23] CSA Technology Research Database 1963-2006/Jan
[File 103] Energy SciTec 1974-2006/Jan B1
[File 31] World Surface Coatings Abs 1976-2006/Jan
[File 95] TEME-Technology & Management 1989-2006/Jan W5
[File 68] Solid State & Superconductivity Abstracts 1966-2006/Jan
[File 60] ANTE: Abstracts in New Tech & Engineer 1966-2006/Jan
[File 293] Engineered Materials Abstracts 1966-2006/Jan
[File 239] Mathsci 1940-2005/Feb
[File 256] TECINFOSOURCE 82-2005/DEC

Set   Items   Description
S1   8171353   S SEMICONDUCTOR? ? OR SEMI()CONDUCTOR? ? OR PCB? ? OR TAB? ? OR
PRINT????()CIRCUIT()BOARD? ? OR CIRCUIT???()BOARD? ? OR LOAD()BOARD? ? OR LOADBOARD? ? OR LSI? ?
OR ASIC? ? OR ELECTRON???()DEVICE? ? OR PRINT???()CIRCUIT??? OR IC? ? OR INTEGRAT????()CIRCUIT???
OR CHIP? ? OR WAFER??? OR MICROCHIP? ? OR MICRO()CHIP? ? OR VLSI? ? OR MOS? ? OR
METAL()OXIDE()SEMICONDUCTOR? ?

S2   660124   S TRANSISTOR????? OR MOS(3N)TRANSISTOR????? OR
(METAL()OXIDE()SEMICONDUCTOR)(3N)TRANSISTOR???? OR METALOXIDE()SEMICONDUCTOR? ? OR NMOS? ? OR
PMOS? ? OR METALOXIDE? ? OR METAL()OXIDE? ? OR (MOS? ? OR
METAL()OXIDE()SEMICONDUCTOR)(3N)MINIATUR???????

S3   1636252   S (PLURAL???? OR MANY OR MULTIPL???? OR DIFFERENT???? OR NUMEROUS OR NUMBER????
OR VARI?????? OR VARY??? OR SEVERAL??? OR DIVERS????? OR TWO OR THREE OR FOUR OR MORE OR SET?
?)(3N)(GATE()ELECTROD????? OR ELECTROD???? OR PROB???? OR ANOD???? OR CATHOD???? OR PLATE? ? OR
CONDUCT?????)

S4   720617   S (SILIC????? OR SI)(3N)(LAYER???? OR FILM???? OR COAT????? OR SHEET???? OR
GLAZ???? OR DEPOSIT????? OR LAMIN????? OR OVERLAY????? OR OVER()LAY???? OR THICK???? OR STACK???
OR MULTILAYER????? OR MULTI()LAYER???? OR VERTICAL???? OR FINISH???? OR MATERIAL???)

S5   80104   S DUMM????? OR DGN? ? OR DGP? ? OR DUMMY(3N)(ELECTROD???? OR PROB???? OR ANOD????
OR CATHODE???? OR PLAT???? OR CONDUCT???? OR PATTERN????) OR ELECTROD????(3N)PATTERN???? OR GATE?
?(3N)(ELECTROD???? OR ANOD????? OR CATHOD???? OR PROB???? OR INSULAT????)

S6   20055271   S SIDEWALL??? OR SIDE()WALL? ? OR PART??????? OR RETAIN???? OR PANEL???? OR SIDE?
? OR SURFAC???? OR PLAT????

S7   200229   S INSULAT?????(3N)(LAYER???? OR FILM???? OR COAT????? OR SHEET???? OR GLAZ???? OR
DEPOSIT????? OR LAMIN????? OR OVERLAY????? OR OVER()LAY????.OR THICK???? OR STACK??? OR
MULTILAYER????? OR MULTI()LAYER???? OR VERTICAL???? OR FINISH???? OR MATERIAL???)

S8   449   S COLLIMAT????(3N)SPUTTER????

S9   107697   S (JUNCTION OR LEAK????)(3N)CURRENT? ? OR LEAK????(3N)(PREVENT??? OR INHIBIT???
OR DECREAS???? OR MINIM??????? OR LOWER???? OR ELIMINAT?????) OR JUNCT???(3N)LEAK????

S10   51382   S (DISCONNECT??? OR SHORT????? OR SHORT()CIRCUIT???? OR DETACH???? OR
UNCOUPLE????)(3N)(PREVENT??? OR INHIBIT??? OR DECREAS???? OR MINIM??????? OR LOWER???? OR
ELIMINAT?????) OR (DISCONNECT OR SHORT???? OR SHORT()CIRCUIT????)(3N)FREE

S11   201022   S (BETWEEN OR SANDWICH???? OR PACK()IN OR INSERT???? OR INTERLAYER????? OR
INTER()LAYER????)(3N)(ELECTROD???? OR PROB???? OR CONDUCT????? OR ANOD???? OR CATHOD????)

S12   116670   S (REDUC????? OR LOWER???? OR ELIMINAT??? OR MINIM???? OR DECREAS???? OR
SMALL)(3N)(RESISTANCE? ? OR OHM????)

2/14/2006 3:21:05 PM
2/14/2006 4:20:58 PM

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S13       0   S  S1 AND S2 AND S3 AND S4 AND S5 AND S6 AND S7 AND S8 AND S9 AND S10 AND S11 AND
S12
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S14      21   S  S1 AND S2 AND S3 AND S4 AND S5 AND S9
S15       0   S  S14 AND S10
S16       0   S  S14 AND S11
S17       0   S  S14 AND S12
S18      19   S  S14 AND PY<=2003
S19      14   RD  (unique items)
S20       0   S  S19 AND S8
S21       0   S  S19 AND ((FIRST()LAYER????)(3N)(SECOND???(3N)LAYER????))
S22      45   S  S1 AND S2 AND S3 AND S4 AND S5 AND S6
S23       0   S  S22 AND S8
S24      13   S  S22 AND S7
S25       0   S  S24 AND S9
S26       0   S  S24 AND S11
S27       0   S  S24 AND S12
S28       1   S  S22 AND S11
S29       3   S  S22 AND S9
S30       0   S  S22 AND S10
S31      18   S  S1 AND S2 AND S3 AND S4 AND S5 AND S11
S32       0   S  S31 AND S8
S33       0   S  S31 AND S12
S34       0   S  S31 AND S9
S35       0   S  S31 AND S10
S36       0   S  S31 AND ((FIRST()LAYER????)(3N)(SECOND???(3N)LAYER????))
S37       0   S  S22 AND ((FIRST()LAYER????)(3N)(SECOND???(3N)LAYER????))
S38       1   S  S1 AND S2 AND S3 AND S4 AND S5 AND S10
S39       0   S  S1 AND S3 AND S5 AND S8
S40     130   S  S1 AND S3 AND S5 AND S9
S41       1   S  S40 AND S10
S42       3   S  S29 NOT S28
S43       1   S  S38 NOT (S28 OR S29)
S44       1   S  S41 NOT (S28 OR S29 OR S38)
S45      13   S  S24 NOT (S28 OR S29 OR S38 OR S41)
S46       9   RD  (unique items)
S47       8   S  S46 AND PY<=2003
S48      11   S  S19 NOT (S24 OR S28 OR S29 OR S38 OR S41)
S49      11   RD  (unique items)
S50      11   S  S49 AND PY<=2003
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2/14/2006 5:15:35 PM
2/14/2006 5:57:27 PM

[File 344] Chinese Patents Abs Jan 1985-2006/Jan
[File 347] JAPIO Nov 1976-2005/Sep(Updated 060103)
[File 350] Derwent WPIX 1963-2006/UD,UM &UP=200607
[File 371] French Patents 1961-2002/BOPI 200209

Set	Items	Description

S1   2255723   S SEMICONDUCTOR? ? OR SEMI()CONDUCTOR? ? OR PCB? ? OR TAB? ? OR
PRINT????()CIRCUIT()BOARD? ? OR CIRCUIT???()BOARD? ? OR LOAD()BOARD? ? OR LOADBOARD? ? OR LSI? ?
OR ASIC? ? OR ELECTRON???()DEVICE? ? OR PRINT???()CIRCUIT??? OR IC? ? OR INTEGRAT????()CIRCUIT???
OR CHIP? ? OR WAFER??? OR MICROCHIP? ? OR MICRO()CHIP? ? OR VLSI? ? OR MOS? ? OR
METAL()OXIDE()SEMICONDUCTOR? ?

S2   542629   S TRANSISTOR????? OR MOS(3N)TRANSISTOR????? OR
(METAL()OXIDE()SEMICONDUCTOR)(3N)TRANSISTOR???? OR METALOXIDE()SEMICONDUCTOR? ? OR NMOS? ? OR
PMOS? ? OR METALOXIDE? ? OR METAL()OXIDE? ? OR (MOS? ? OR
METAL()OXIDE()SEMICONDUCTOR)(3N)MINIATUR???????

S3   461013   S (PLURAL???? OR MANY OR MULTIPL???? OR DIFFERENT???? OR NUMEROUS OR NUMBER????
OR VARI?????? OR VARY??? OR SEVERAL??? OR DIVERS????? OR TWO OR THREE OR FOUR OR MORE OR SET?
?)(3N)(GATE()ELECTROD????? OR ELECTROD???? OR PROB???? OR ANOD???? OR CATHOD???? OR PLATE? ? OR
CONDUCT?????)

S4   298739   S (SILIC????? OR SI)(3N)(LAYER???? OR FILM???? OR COAT????? OR SHEET???? OR
GLAZ???? OR DEPOSIT????? OR LAMIN????? OR OVERLAY????? OR OVER()LAY???? OR THICK???? OR STACK???
OR MULTILAYER????? OR MULTI()LAYER???? OR VERTICAL???? OR FINISH???? OR MATERIAL???)

S5   168385   S DUMM????? OR DGN? ? OR DGP? ? OR DUMMY(3N)(ELECTROD???? OR PROB???? OR ANOD????
OR CATHODE???? OR PLAT???? OR CONDUCT???? OR PATTERN????) OR ELECTROD????(3N)PATTERN???? OR GATE?
?(3N)(ELECTROD???? OR ANOD????? OR CATHOD???? OR PROB???? OR INSULAT????)

S6   11327764   S SIDEWALL??? OR SIDE()WALL? ? OR PART??????? OR RETAIN???? OR PANEL???? OR SIDE?
? OR SURFAC???? OR PLAT????

S7   472146   S INSULAT?????(3N)(LAYER???? OR FILM???? OR COAT????? OR SHEET???? OR GLAZ???? OR
DEPOSIT????? OR LAMIN????? OR OVERLAY????? OR OVER()LAY???? OR THICK???? OR STACK??? OR
MULTILAYER????? OR MULTI()LAYER???? OR VERTICAL???? OR FINISH???? OR MATERIAL???)

S8   195   S COLLIMAT????(3N)SPUTTER????

S9   118802   S (JUNCTION OR LEAK????)(3N)CURRENT? ? OR LEAK????(3N)(PREVENT??? OR INHIBIT???
OR DECREAS???? OR MINIM??????? OR LOWER???? OR ELIMINAT?????) OR JUNCT???(3N)LEAK????

S10   69083   S (DISCONNECT??? OR SHORT????? OR SHORT()CIRCUIT???? OR DETACH???? OR
UNCOUPLE????)(3N)(PREVENT??? OR INHIBIT??? OR DECREAS???? OR MINIM??????? OR LOWER???? OR
ELIMINAT?????) OR (DISCONNECT OR SHORT???? OR SHORT()CIRCUIT????)(3N)FREE

S11   303159   S (BETWEEN OR SANDWICH???? OR PACK()IN OR INSERT???? OR INTERLAYER????? OR
INTER()LAYER????)(3N)(ELECTROD???? OR PROB???? OR CONDUCT????? OR ANOD???? OR CATHOD????)

S12   106710   S (REDUC????? OR LOWER???? OR ELIMINAT??? OR MINIM???? OR DECREAS???? OR
SMALL)(3N)(RESISTANCE? ? OR OHM????)

S13   33544   S MC=(U12-D02A OR U11-C18A OR U12-A02B2B OR U12-A03 OR U12-C02A)

S14   161412   S IC=(H01L-021/28 OR H01L-021/336 OR H01L-027/06 OR H01L-027/088 OR H01L-029/78
OR H01-027/105 OR H01L-029/76 OR H01L-029/94 OR H01L-031/062 OR H01L-031/113 OR H01L-031/119 OR
H01L-031/62)

S15   0   S S1 AND S2 AND S3 AND S4 AND S5 AND S6 AND S7 AND S8 AND S9 AND S10 AND S11 AND
S12

S16   0   S S1 AND S2 AND S3 AND S4 AND S5 AND S6 AND S8
S17   49   S S1 AND S2 AND S3 AND S4 AND S5 AND S6 AND S9
S18   2   S S17 AND S10
S19   17   S S17 AND S13
S20   13   S S19 AND S14

2/14/2006 5:15:35 PM
2/14/2006 5:57:27 PM

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S21         9    S  S20 AND PY<=2003
S22         0    S  S17 AND ((FIRST()LAYER????)(3N)(SECOND???(3N)LAYER????))
S23         7    S  S17 AND ((FIRST(3N)LAYER????)(3N)(SECOND???(3N)LAYER????))
S24         4    S  S23 AND PY<=2003
S25         0    S  S1 AND S2 AND S3 AND S5 AND S8
S26       244    S  S1 AND S2 AND S3 AND S5 AND S9
S27         8    S  S26 AND S10
S28         5    S  S27 AND S11
S29         4    S  S28 AND PY<=2003
S30       509    S  S1 AND S2 AND S3 AND S4 AND S5 AND S6 AND S7
S31        35    S  S30 AND S9
S32         2    S  S31 AND S10
S33         8    S  S31 AND S11
S34         2    S  S33 AND S12
S35        15    S  S31 AND S13
S36        12    S  S35 AND S14
S37         9    S  S36 AND PY<=2003
S38        16    S  S1 AND S2 AND S9 AND S10 AND S11
S39         2    S  S38 AND S13
S40         6    S  S38 AND S14
S41         4    S  S40 AND PY<=2003
S42         9    S  S21 NOT S18
S43         3    S  S24 NOT (S18 OR S21)
S44         4    S  S29 NOT (S18 OR S21 OR S24)
S45         0    S  S32 NOT (S18 OR S21 OR S24 OR S29)
S46         1    S  S34 NOT (S18 OR S21 OR S24 OR S29 OR S32)
S47         5    S  S33 NOT (S18 OR S21 OR S24 OR S29 OR S32 OR S34)
S48         0    S  S37 NOT (S18 OR S21 OR S24 OR S29 OR S32 OR S33 OR S34)
S49         0    S  S39 NOT (S18 OR S21 OR S24 OR S29 OR S32 OR S33 OR S34 OR S37)
S50         3    S  S41 NOT (S18 OR S21 OR S24 OR S29 OR S32 OR S33 OR S34 OR S37 OR S39)
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